



H₂ To GO

MOBILE/STATIONARY HYDROGEN GENERATION & POWER SUPPLY SYSTEM



SYSTEM FEATURES

- Comprised of H₂ Generator and H₂ Fuel cell to provided highly mobile H₂ production / storage and up to 2,000 W of power at 120 volts
- Highly mobile unit: Can be easily relocated to provide local power (less than 200 lbs)
- Ideal for plug-and-play type installations, providing immediate power or H₂ storage for back-up power
- Integrated logic controls for optimal operation and protection of PEM stack via On-Screen Diagnostics
- Real time display of power output from H₂ Fuel Cell to monitor performance
- Scalable to meet H₂ generation demand and storage needs
- System versatility provides power for multiple applications: appliances, electric vehicles, fuel cell, etc.



RENEWABLE ENERGY HOLDINGS

97 River Road Flemington, NJ 08822

Ph: (908) 788-7750 Fax: (908) 837-9021



HYDROGEN GENERATION SYSTEM SPECIFICATIONS - H₂ TO GO

- Completely self contained H₂ Generation System
- Highly efficient Proton Exchange Membrane (PEM) stack
- Low power consumption with high output
- Stack consumes 230-240W of power
- 8 Volts & 30 Amps Stack Requirement (independent of power supply)
- Multiple units can be used in conjunction to increase H₂ production
- Power input can be from any source: Renewable or Grid Tied

SYSTEM OUTPUT

- Produces 99.9999% pure H₂
- Rated to 600 cc per minute at 250 psi (single stack)



MOBILE / STATIONARY H₂ POWER SUPPLY SYSTEM SPECIFICATIONS

- System comprised of:
 - (2) Metal Hydride H₂ Storage Tanks
Capacity: 900 SL each
 - (1) 2,000W Fuel Cell
 - (1) 2,000W DC to AC Inverter @ 120V

STORAGE TANKS

- Can be filled from either H₂ To Go generator or standard bottled H₂ sources.
- Can be scaled to meet requirements
- Are certified as "Air Shippable"

FUEL CELL

- Converts H₂ fuel to DC current
- Consumes 26 SL/min of H₂ at max output

INVERTER

- Converts DC power from Fuel Cell to AC power: 2,000W @ 120volts

SYSTEM OUTPUT

- 2,000 Watts @ 120 volts



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